

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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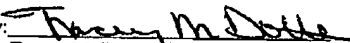
Applicant: KOPRA et al.  
Serial No.: 10/511,815  
Filed: October 19, 2004

Examiner: Lu, Z.  
Group Art Unit: 2618  
Docket No.: KOLS.152US

Title: MEDIA SYSTEM, USER TERMINAL AND METHOD OF PROVIDING  
CONTENT ITEMS RELATING TO BROADCAST MEDIA STEAM

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this paper is being transmitted to the United States Patent and Trademark Office via facsimile on September 29, 2008.

By:

  
Tracey M. DotterSUBMISSION UNDER 37 C.F.R. §3.73(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

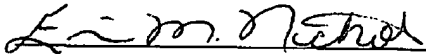
In accordance with 37 C.F.R. §3.73(b), the Applicant hereby submits the following:

- 1) a Statement under 37 C.F.R. §3.73(b);
- 2) a copy of an executed Power of Attorney to Prosecute Applications before the USPTO; and
- 3) a copy of the Notice of Recordation of Assignment Document recorded at Reel/Frame No. 016011/0345 for the above-identified patent application.

Although no fee is believed necessary with this submission, authorization is given to charge Deposit Account No. 50-3581 (KOLS.152US) any necessary fees. If there are any questions regarding this communication, please contact the undersigned attorney of record.

Respectfully submitted,

HOLLINGSWORTH & FUNK, LLC  
8009 34<sup>th</sup> Avenue South, Suite 125  
Minneapolis, MN 55425  
952.854.2700 (tel.)

By:   
Name: Erin M. Nichols  
Reg. No.: 57,125

PTO/SB/98 (12-05)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: KOPRA et al.

Application No./Patent No./Control No.: 10/511,815 Filed/Issue Date: 10/19/2004

Entitled: MEDIA SYSTEM, USER TERMINAL AND METHOD OF PROVIDING CONTENT ITEMS RELATING TO BROADCAST MEDIA STEAM

NOKIA CORPORATION

(Name of Assignee)

a CORPORATION

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 016011, Frame 0345, or a true copy of the original assignment is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Erin M. Nichols

Signature

Erin M. Nichols

Printed or Typed Name

Attorney of Record (U.S. Reg. No. 57,125)

Title

9-29-08

Date

952.854.2700

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke any and all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

|                 |                 |                       |                 |
|-----------------|-----------------|-----------------------|-----------------|
| Steven R. Funk  | Reg. No. 37,830 | Mark A. Hollingsworth | Reg. No. 38,491 |
| Clara Davis     | Reg. No. 50,495 | William Ashley        | Reg. No. 51,419 |
| Erin M. Nichols | Reg. No. 57,125 | Paul S. Sherburne     | Reg. No. 57,843 |

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

The correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) is:

HOLLINGSWORTH & FUNK, LLC  
8009 34<sup>th</sup> Avenue South, Suite 125  
Minneapolis, MN 55425

The Assignee Name and Address is listed below:

Nokia Corporation  
Keilalahdentie 4  
FIN-02150 Espoo  
FINLAND

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

Signatures of Assignee of Record (the individual whose signature and title is supplied below is authorized to act on behalf of the assignee)

Virpi Tognethy  
Signature

Virpi Tognethy  
Name

IPR manager  
Title

+358718008000  
Telephone

5 Feb 2007  
Date

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UNITED STATES DEPARTMENT OF COMMERCE  
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MAY 13, 2005

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STEVEN R. FUNK  
1270 NORTHLAND DR. SUITE 390  
ST. PAUL, MN 55120

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/13/2005

REEL/FRAME: 016011/0345

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

KOPRA, TONI

DOC DATE: 03/04/2005

## ASSIGNOR:

MAKIPAA, MIKKO

DOC DATE: 03/11/2005

## ASSIGNOR:

ANTTILA, AKSELI

DOC DATE: 03/07/2005

## ASSIGNEE:

NOKIA CORPORATION  
KEILALAHDENTIE 4  
ESPOO, FINLAND 02150

SERIAL NUMBER: 10511815

FILING DATE: 10/19/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: MEDIA SYSTEM, USER TERMINAL AND METHOD OF PROVIDING CONTENT ITEMS  
RELATING TO BROADCAST MEDIA STREAM

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HOLLINGSWORTH & FUNK

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JEFFREY OLSEN, SUPERVISOR  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

05/13/2005  
500031295

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

## CONVEYING PARTY DATA

| Name           | Execution Date |
|----------------|----------------|
| Toni Kopra     | 03/04/2005     |
| Mikko Makipaa  | 03/11/2005     |
| Akseli Anttila | 03/07/2005     |

## RECEIVING PARTY DATA

|                 |                   |
|-----------------|-------------------|
| Name:           | Nokia Corporation |
| Street Address: | Kellalahdentie 4  |
| City:           | Espoo             |
| State/Country:  | FINLAND           |
| Postal Code:    | 02150             |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 10511815 |

## CORRESPONDENCE DATA

Fax Number: (651)686-7111

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 651-686-6633

Email: dotter@lp-firm.com

Correspondent Name: Steven R. Funk

Address Line 1: 1270 Northland Dr. Suite 390

Address Line 4: St. Paul, MINNESOTA 55120

NAME OF SUBMITTER: Steven R. Funk

## Total Attachments: 6

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## ASSIGNMENT

WHEREAS, we: 1. Toni KOPRA, 2. Mikko MÄKIPÄÄ, 3. Akseli ANTILA, residing at 1. Hivitie 15 A B 6, FI-01450 Vantaa, Finland, 2. Aioranta 9A, FI-00830 Helsinki, Finland, 3. Pajalahdentie 6 B 25, FI-00200 Helsinki, Finland; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: MEDIA SYSTEM, USER TERMINAL AND METHOD OF PROVIDING CONTENT ITEMS RELATING TO BROADCAST MEDIA STREAM; having serial number 10/511,815 and filed on 19 October 2004 (Atty. Docket No. KOLS.152US/2030598US).

AND WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland and having an office and place of business at Keilalahdentie 4, FIN-02150 Espoo, FINLAND (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

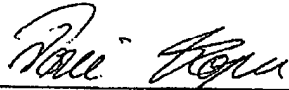
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions,



applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 44 day of March, 2005.

  
(inventor's name) Tomi Kopra

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
(co-inventor's name) Mikko Mäkipää

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
(co-inventor's name) Akseli Anttila

**ASSIGNMENT**

WHEREAS, we: 1. Toni KOPRA, 2. Mikko MÄKIPÄÄ, 3. Aksele ANTILA, residing at 1. Hivitie 15 A B 6, FI-01450 Vantaa, Finland, 2. Aioranta 9A, FI-00830 Helsinki, Finland, 3. Pajalahdentie 6 B 25, FI-00200 Helsinki, Finland; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: MEDIA SYSTEM, USER TERMINAL AND METHOD OF PROVIDING CONTENT ITEMS RELATING TO BROADCAST MEDIA STREAM; having serial number 10/511,815 and filed on 19 October 2004 (Atty. Docket No. KOLS.152US/2030598US).

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NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions,

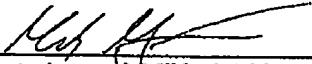
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AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
{inventor's name} Toni Kopra

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of MARCH, 2005.

  
\_\_\_\_\_  
(co-inventor's name) Mikko Mäkipää

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
{co-inventor's name} Akseli Anttila

## ASSIGNMENT

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WHEREAS, we: 1. Toni KOPRA, 2. Mikko MÄKIPÄÄ, 3. Akseli ANTTILA, residing at 1. Hivitie 15 A B 6, FI-01450 Vantaa, Finland, 2. Aioranta 9A, FI-00830 Helsinki, Finland, 3. Pajalahdentie 6 B 25, FI-00200 Helsinki, Finland; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: MEDIA SYSTEM, USER TERMINAL AND METHOD OF PROVIDING CONTENT ITEMS RELATING TO BROADCAST MEDIA STREAM; having serial number 10/511,815 and filed on 19 October 2004 (Atty. Docket No. KOLS.152US/2030598US).

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NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
{inventor's name} Toni Kopra

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
{co-inventor's name} Mikko Mäkipää

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7th day of March, 2005.

  
\_\_\_\_\_  
{co-inventor's name} Akseli Anttila